PTO/SB/05 (03-01)

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## UTILITY PATENT APPLICATION **TRANSMITTAL**

Attorney Docket No.		QUK-2	<b>a</b>	
		Peter S. Vosbikian		
Title	MOPS WITH ONE	OR MORE CLEANING MEMBERS	5,0	

(Only for new nonprovisional applications under 37 CFR 1.53(b))	Express Mail Label No. EV 172631534 US						
APPLICATION ELEMENTS	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application						
See MPEP chapter 600 concerning utility patent application contents.  1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)  Applicant claims small entity status. See 37 CFR 1.27.  3. Specification [Total Pages 24 ] (preferred arrangement set forth below)  - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s)	Washington, DC 20231  7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or  ii. paper  c. Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS  9. Assignment Papers (cover sheet & document(s))  37 CFR 3.73(b) Statement						
- Abstract of the Disclosure  4. Drawing(s) (35 U.S.C. 113) [ Total Sheets 11 ]  5. Oath or Declaration [ Total Pages 2 ]  a. Newly executed (original or copy) Copy from a prior application (37 CFR 1.63 (d)) b. (for continuation/divisional with Box 18 completed)  i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76  18. If a CONTINUING APPLICATION, check appropriate box, and suppor in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP)	10. (when there is an assignee)  11. English Translation Document (if applicable)  12. X Information Disclosure Statement (IDS)/PTO-1449  13. Preliminary Amendment  14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  15. Certified Copy of Priority Document(s) (if foreign priority is claimed)  16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. Check for \$2,178.00  17. X Other: Certificate.of. Express Mailing  by the requisite information below and in a preliminary amendment,						
Prior application information:  Examiner:  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the Box 5b, is considered a part of the disclosure of the accompanying continuation that the incorporation can only be relied upon when a portion has been inadverted.	ation or divisional application and is hereby incorporated by reference.						
19. CORRESPONDE							
Customer Number or Bar Code Label (Insert Customer No. or Atlach bar	or Correspondence address below						
Name							
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City	State Zip Code						
	phone Fax						
Name (Print/Type) Jonathan A. Harris Registration No. (Attorney/Agent) 44,744							
Signature Omatham Dea	Date 6/24/03						

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Date: June 24, 2003 Signed: Mary Conne Event.

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Approved for use through 04/30/2003. OMB 0651-0035

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CEE TO A NOMITTAL	Complete if Known			
FEE TRANSMITTAL	Application Number			
for FY 2003	Filing Date			
Effective 01/01/2003. Patent fees are subject to annual revision.	First Named Inventor	Peter S. Vosbikian		
	Examiner Name			
Applicant claims small entity status. See 37 CFR 1.27	Art Unit			

(\$) 2,178.00

METHOD OF PAYMENT (check all that apply)   FEE CALCULATION (continued)	TOTAL AMOUNT OF PAYMENT (\$) 2,178.00 Attorn					lo. QUK-2	
Code	METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
Deposit Account	X Check Credit card Money Other None	3. ADDITIONAL FEES					
Poposit   Account   Number   Deposit   Account   Deposit   Account   Deposit   Account   Deposit   Account   Deposit   Account   Deposit   Depos		Large Entity   Small Entity					
Number						Fee Description	Foo Paid
Deposit Account   Provisional filing fee or   Dixon   1052   50   2052   25   25   25   25   25	Account 23 2120			2051		Surcharge - late filing fee or oath	
Name	Deposit Wildman, Harrold, Allen &	1052	50	2052	25		
Charge fee(s) indicated below	Name	1053	130	1053	130		
Charge ene(s) indicated below, except for the filing fee to the above-identified deposit account.		1812	2,520	1812	2,520	For filing a request for ex parte reexamination	<u> </u>
Total Claims		1804	920*	1804	920*		
Test	Charge fee(s) indicated below, except for the filing fee	1805	1,840*	1805	1,840*	Requesting publication of SIR after	
1. BASIC FILING FEE   Large Entity   Small Entity   Fee		4054	110	2254	EE		
1. BASIC FILING FEE   Large Entity   Small Entity	FEE CALCULATION						
Total Claims						· ·	
1255 1,970   2255 985   Extension for reply within fifth month   1255 1,970   2255 985   Extension for reply within fifth month   1255 1,970   2255 985   Extension for reply within fifth month   1255 1,970   2255 985   Extension for reply within fifth month   1255 1,970   2255 985   Extension for reply within fifth month   1255 1,970   2255 985   Extension for reply within fifth month   1255 1,970   2255 985   Extension for reply within fifth month   1255 1,970   2255 985   Extension for reply within fifth month   1255 1,970   2255 985   Extension for reply within fifth month   1255 1,970   2255 985   Extension for reply within fifth month   1255 1,970   2255 985   Extension for reply within fifth month   1255 1,970   2255 985   Extension for reply within fifth month   1255 1,970   2255 985   Extension for reply within fifth month   1255 1,970   2255 985   Extension for reply within fifth month   1255 1,970   2255 985   Extension for reply within fifth month   1255 1,970   2255 985   Extension for reply within fifth month   1255 1,970   2255 985   Extension for reply within fifth month   1255 1,970   2255 985   Extension for reply within fifth month   1255 1,970   2255 985   Extension for reply within fifth month   1255 1,970   2251 160   Filing a brief in support of an appeal   1402 320   2402 140   Request for oral hearing   1403 1405   Request for oral hearing   1403 1405   Request for oral hearing   1405 1,510   Petition to revive - unavoidable   1455 1,510   2455   55 Petition to revive - unavoidable   1455 1,310   2455   55 Petition to revive - unavoidable   1455 1,310   2452   55 Petition to revive - unavoidable   1455 1,310   2452   55 Petition to revive - unavoidable   1455 1,310   2452   55 Petition to revive - unavoidable   1455 1,310   2452   55 Petition to revive - unavoidable   1455 1,310   2452   55 Petition to revive - unavoidable   1455 1,310   2452   55 Petition to revive - unavoidable   1455 1,310   2452   55 Petition to revive - unavoidable   1455 1,310   2452   55 Petition to revive - una		l.					
1001   130   2002   165   Design filing fee   1401   320   2401   160   Notice of Appeal   1402   320   2402   160   Filing a brief in support of an appeal   1402   320   2402   160   Filing a brief in support of an appeal   1403   280   2403   140   Request for oral hearing   1451   1,510   Petition to institute a public use proceeding   1451   1,510   Petition to institute a public use proceeding   1452   110   2452   55   Petition to revive - unavoldable   1453   1,300   2453   650   Petition to revive - unintentional   1451   1,510   Petition to revive - unintentional   1451   1,510   Petition to revive - unintentional   1451   1,510   Petition to revive - unintentional   1452   110   2452   55   Petition to revive - unintentional   1451   1,510   Petition to revive - unintentional   1452   110   2452   255   Design issue fee   1460   130   1460	Code (\$) Code (\$)		•			• •	
1003 520   2003 260   Plant filing fee   1402 320   2402 160   Filing a brief in support of an appeal 1604 750   2004 375   Reissue filing fee   1403 280 2403 140   Request for oral hearing 1451 1,510   Petition to institute a public use proceeding 1451 1,510   Petition to revive - unavoidable 1501 1,300   2452 55   Petition to revive - unavoidable 1501 1,300   2453 650   Petition to revive - unintentional 1501 1,300   2501 650   Utility issue fee (or reissue)   Extra Claims   1200   Extra Cla			• • • •			. •	
1004 750   2004 375   Reissue filing fee   1403 280   2403 140   Request for oral hearing   1451 1,510   Petition to institute a public use proceeding   1452 110   2452 55   Petition to revive - unavoidable   1453 1,300   2453 650   Petition to revive - unintentional   1451 1,510   Petition to revive - unintentional   1452 110   2452 55   Petition to revive - unintentional   1501 1,300   2501 650   Utility issue fee (or reissue)   1502 470   2502 235   Design issue fee   1503 630 2503 315   Plant issue fee   1606 180   Petition to revive - unintentional   1606 180   Petition to revive - unintentional   1607 50   Processing fee under 37 CFR 1.17(q)   1607 50   Processing fee	, and the second					, <u>,</u>	
300 100 100 100 100 100 100 100 100 100						• • • • • • • • • • • • • • • • • • • •	
SUBTOTAL (1) (\$) 750.00  2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from below Fee Paid Nultiple Dependent  Total Claims 90 -20** = 70 x 18							
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from below Fee Paid Independent Claims Multiple Dependent Code (\$) Code							
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from below Fee Paid Total Claims 90 -20** = 70 x 18 = 1260 Independent 5 - 3** = 2 x 84 = 168 Multiple Dependent  Large Entity   Small Entity Fee Fee Code (\$)   1807   50   1		1453	1.300	2453	650	Petition to revive - unintentional	
Total Claims 90 -20** = 70 X 18 = 1260   1502 470   2502 235 Design issue fee   1503 630   2503 315 Plant is	2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE						
Independent Claims Multiple Dependent  Large Entity   Small Entity Fee Fee Code (\$)  1202 18 2202 9 Claims in excess of 20 1201 84 2201 42 Independent claims in excess of 3 1203 280 2203 140 Multiple dependent claims over original patent  1204 84 2204 42 "Reissue independent claims over original patent  1205 18 2205 9 "Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$) 1,428.00  1503 630 2503 315 Plant issue fee 1460 130 Petitions to the Commissioner 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 1806 180 Submission of Information Disclosure Stmt Recording each patent assignment per property (times number of properties) 1809 750 2809 375 Filing a submission after final rejection (37 CFR 1.129(a)) 1810 750 2810 375 For each additional invention to be examined (37 CFR 1.129(b)) 1802 900 Request for Continued Examination of a design application  Other fee (specify)  1804 1806 180 Submission of Information Disclosure Stmt 1805 180 2801 380 Submission of Information Disclosure Stmt 1806 180 1806 180 Submission of Information Disclosure Stmt 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 1806 180 Submission of Information Disclosure Stmt 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 1806 180 Submission of Information Disclosure Stmt 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 1806 180 Submission of Information Disclosure Stmt 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 1807 50 Processing fee under 37 CFR 1.17(q) 1806 180 1807 50 Processing fee under 37 CFR 1.17(q) 1808 1807 50 Processing fee under 37 CFR 1.17(q) 1807 50 Processing fee	Extra Claims below Fee Paid	1502	470	2502	235	Design issue fee	
Multiple Dependent  Large Entity   Small Entity   Fee   Fee   Fee   Fee   Fee   Code (\$)    1202   18   2202   9   Claims in excess of 20    1201   84   2201   42   Independent claims in excess of 3    1203   280   2203   140   Multiple dependent claims in excess of 3    1204   84   2204   42   **Reissue claims in excess of 20    1205   18   2205   9   **Reissue claims in excess of 20    1205   18   2205   9   **Reissue claims in excess of 20    1206   1807   50   Processing fee under 37 CFR 1.17(q)    1806   180   1806   180   Submission of Information Disclosure Stmt    8021   40   8021   40   Recording each patent assignment per property (times number of properties)    1809   750   2809   375   Filing a submission after final rejection (37 CFR 1.129(a))    1809   750   2810   375   For each additional invention to be examined (37 CFR 1.129(b))    1801   750   2801   375   Request for Continued Examination (RCE)    1802   900   1802   900   Request for expedited examination of a design application    1809   750   2810   375   For each additional invention to be examined (37 CFR 1.129(b))    1809   750   2810   375   For each additional invention to be examined (37 CFR 1.129(b))    1809   750   2810   375   For each additional invention (RCE)    1809   750   2810   375   For each additional invention (RCE)    1809   750   2810   375   For each additional invention (RCE)    1809   750   2810   375   For each additional invention to be examined (37 CFR 1.129(b))    1801   750   2801   375   Request for Continued Examination of a design application    1801   750   2801   375   Request for expedited examination of a design application    1801   750   2801   375   Request for expedited examination of a design application    1801   750   2801   375   Request for expedited examination    1801   750   2801   375   375   375   375	Independent	1503	630	2503	315	Plant issue fee	
Large Entity   Small Entity   Small Entity   Fee Fee   Fee Fee   Fee Fee   Fee Fee	Claims	1460	130	1460	130	Petitions to the Commissioner	
Fee Code (\$)  1202 18  1202 9 Claims in excess of 20  1201 84  1203 280  1204 84  1204 84  1205 9 Reissue claims in excess of 20  1205 18  1205 18  1206 Pee Code (\$)  1207 Reissue claims in excess of 20  1208 Pee Description  8021 40  8021 40  8021 Recording each patent assignment per property (times number of properties)  1809 750  1809 750  1809 750  1809 750  1809 750  1809 750  2810 375 For each additional invention to be examined (37 CFR 1.129(b))  1801 750  1802 900  1802 900 Request for continued Examination of a design application  1802 900 Request for expedited examination of a design application  1809 750  1809 375 For each additional invention to be examined (37 CFR 1.129(b))  1809 750  1809 375 For each additional invention to be examined (37 CFR 1.129(b))  1809 750  1809 7	Multiple Dependent		50	180	7 50	Processing fee under 37 CFR 1.17(q)	
Code (\$) 1202 18 1202 9 Claims in excess of 20 1201 84 1203 280 1204 84 1204 84 1205 9 "Reissue claims in excess of 20 1205 18 1206 18 1207 18 1208 18 1209 18		1806	180	1806			
1201 84 1201 42 Independent claims in excess of 3 1203 280 1204 84 1205 18 1205 9 "Reissue claims in excess of 20 and over original patent  SUBTOTAL (2)  1207 1208 1209 375 Filing a submission after final rejection (37 CFR 1.129(a)) 1208 1209 375 Filing a submission after final rejection (37 CFR 1.129(a)) 1209 375 Filing a submission after final rejection (37 CFR 1.129(a)) 1201 1202 1203 140 Multiple dependent claims in excess of 3 1203 280 1204 84 1205 1203 140 Multiple dependent claims in excess of 3 1206 1203 140 Multiple dependent claims in excess of 3 1207 1209 1209 375 Filing a submission after final rejection (37 CFR 1.129(a)) 1208 1209 1209 1209 1209 1209 1209 1209 1209	Code (\$) Code (\$)	8021	40	802 <sup>-</sup>	1 40	Recording each patent assignment per property (times number of properties)	
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1204 84 2204 42 Reissue independent claims over original patent  1205 18 2205 9 "Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$1,428.00)  Reduced by Basic Filing Fee Paid.		1810	750	2810	375	For each additional invention to be	
1205 18 2205 9 "Reissue claims in excess of 20 and over original patent   1802 900 1802 900 Request for expedited examination of a design application   1802 900 Substitution   1802 900 Request for expedited examination of a design application   1802 900 Request for expedited examination of a design application   1802 900 Request for expedited examination of a design application   1802 900 Request for expedited examination of a design application   1802 900 Request for expedited examination of a design application   1802 900 Request for expedited examination of a design application   1802 900 Request for expedited examination of a design application   1802 900 Request for expedited examination of a design application   1802 900 Request for expedited examination of a design application   1802 900 Request for expedited examination of a design application   1802 900 Request for expedited examination of a design application   1802 900 Request for expedited examination of a design application   1802 900 Request for expedited examination of a design application   1802 900 Request for expedited examination of a design application   1802 900 Request for expedited examination of a design application   1802 900 Request for expedited examination of a design application   1802 900 Request for expedited examination of a design application   1802 900 Request for expedited examination of a design application   1802 900 Request for expedited examination of a design application   1802 900 Request for expedited examination   1802 900 Request fo	1204 84 2204 42 ** Reissue independent claims over original patent	1801	750	2801	375	` ' ''	
SUBTOTAL (2) (\$) 1,428.00 Reduced by Basic Filing Fee Paid OUDIOTAL (9)	1205 18 2205 9 ** Reissue claims in excess of 20					Request for expedited examination	
	SUBTOTAL (2) (\$) 1 /28 00	Other fee (specify)					
	**or number previously paid, if greater, For Reissues, see above	*Red	uced by	Basic	Filing F	ee Paid SUBTOTAL (3) (\$)	

(Complete (if applicable) SUBMITTED BY Registration No. Name (Print/Type) Jonathan A. Harris 44,744 Telephone 312/201-2000 Date Signature

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